

EPA Region 10 Superfund
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Superfund Response & Investigation Branch

May 3, 1993

DCN: TZ4-C10025-LR-13748

CONFIDENTIAL

Mr. Dave Bennett
U.S. Environmental Protection Agency
1200 Sixth Avenue (HW-113)
Seattle, WA 98101

Subject: HRS Report for ALCOA Site in Wenatchee, Washington
W.A. C10025, EPA No. 68-W9-0008
SAIC/TSC Project No. 6-788-03-1408-500

Dear Mr. Bennett:

The Aluminum Company of America Wenatchee Works (ALCOA-Wenatchee, Site) Site is a refinery covering approximately 600 acres located adjacent (~800 feet) to the Columbia River and about 12 miles south of Wenatchee on the road to Malaga. Spent Pot Linings (SPL) were stored and disposed of in two landfills (lined and unlined) located onsite, northwest of the ALCOA-Wenatchee plant. The unlined landfill was used to store the Site. Washington State Department of Ecology collected samples from onsite wells that contained elevated concentrations of cyanide.

A preliminary Hazardous Ranking Score (HRS) of 33.41 was calculated using the following information:

- The ground water migration pathway contributed the majority of the score based on an observed release to ground water. Cyanide was detected in an onsite well serving 950 employees.
- The surface water pathway received a minimal score based on the potential for contaminants to release to surface water. The score was based on irrigation.
- The soils pathway was scored on the onsite worker.
- The air pathway was not scored since there was no potential for release.

USEPA SF



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18702 No. Creek Parkway, Suite 211, Bothell, Washington 98011 • (206) 485-2818

Other SAIC Offices: Albuquerque, Boston, Colorado Springs, Dayton, Falls Church, Huntsville, Las Vegas, Los Angeles, McLean, Oak Ridge, Orlando, Palo Alto, Seattle, Tucson

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Although both the lined and unlined landfills were closed according to regulations, a leachate monitoring scheme should be set up and implemented at the ALCOA facility to determine whether SPL contaminants migrate into the ground and surface waters. Although their concentration levels were well within the drinking water standards, the source of cyanide contamination to the onsite drinking water well (Well 31) should be identified and remediated.

The main sources of information used to score this Site are:

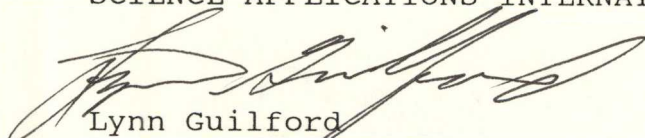
- EPA site file for ALCOA.
- Washington State Department of Ecology 1987 Site Inspection Report.

A copy of the PRESCORE file has been submitted via electronic mail.

Please feel free to call me at (206) 485-2818 if you have any questions or comments regarding this submittal.

Sincerely,

Technology Services Company, A Division of
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION



Lynn Guilford
Work Assignment Manager

cc: G. Sink
P. Rubenstein